

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/701,265
Filing Date	11-04-2003
First Named Inventor	Brenda F. Baker
Art Unit	1635
Examiner Name	Terra C. Gibbs
Attorney Docket Number	ISIS-5300

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
J.P./	1	U.S. 4,720,483	01-19-1988	Jansz et al.	
	2	U.S. 4,757,141	07-12-1988	Fung et al.	
	3	U.S. 5,082,934	01-21-1992	Saba et al.	
	4	U.S. 5,151,510	09-29-1992	Stcc et al.	
	5	U.S. 5,424,413	06-13-1995	Hogan et al.	
	6	U.S. 5,506,212	04-09-1996	Hoke et al.	
	7	U.S. 5,561,043	10-01-1996	Cantor et al.	
	8	U.S. 5,631,148	05-20-1997	Urdea	
	9	U.S. 5,639,873	06-17-1997	Barascut et al.	
	10	U.S. 5,719,271	02-17-1998	Cook et al.	
	11	U.S. 5,760,202	06-02-1998	Cook et al.	
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	16	U.S. 6,133,246	10-17-2000	McKay et al.	
	17	U.S. 6,210,892 B1	04-03-2001	Bennett et al.	
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	20	U.S. 6,274,723 B1	08-14-2001	Nilsen	
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Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
J.P./	31	EP 0 266 168 A2	05-04-1988	Amoco Corp.		
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First Named Inventor	Brenda Baker
Art Unit	1635
Examiner Name	Terra C. Gibbs
Attorney Docket Number	ISIS-5300

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	35	ALAHARI, <i>J. Pharmacology and Experimental Therapeutics</i> , 1998, 286, 419-428	
	36	BEIGELMAN, <i>J. Biol Chem.</i> 1995, 270, 25702-25708	
	37	BERGER, <i>Nucleic Acids Research</i> , 1998, 26, 2473-2480	
	38	BEVILACQUA, <i>Biochemistry</i> , 1996, 35, 9983-9994	
	39	ROUTLA, <i>Current Biology</i> , 2001, 11, 1776-1780	
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	43	HAMMOND, <i>Nature</i> , 2001, 2, 110-119	
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	46	KUIMELIS, <i>Nucleic Acids Res.</i> 1994, 22, 1429-1436	
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	48	PARRISH, <i>Molecular Cell</i> , 2000, 6, 1077-1087	
	49	PORTA, <i>Biotechnology</i> , 1995, 13, 161-164	

Examiner Signature		Date Considered	
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	50	SHUMAN, <i>J. Biol Chem</i> , 1993, 268, 18943-18950	
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	52	TRACEWELL, <i>Toxicology and Applied Pharmacology</i> , 1995, 135, 179-184	
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	54	VERONESE, <i>Il Farmaco</i> , 1999, 54, 497-516	
	55	WILDS, <i>Nucleic Acids Res.</i> , 2000, 28, 3625-3635	
	56	WU, <i>J. Biol. Chem</i> , 1998, 273, 2532-2542	
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	58	YU, <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 1685-1692	
/J.P./	59	Table listing related applications and office actions and rejections from those related applications	

Examiner Signature	/Jennifer Pitrak/	Date Considered	12/14/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>Form PT 1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. ISIS-5300	Application No. 10/701,265
	Applicant Brenda F. Baker, et al.	
	Filing Date November 4, 2003	Group 1635
	Confirmation No. 7033	

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Examiner Initial		Document No.	Date	Name	Class	Subclass
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/J.P./	276	6,573,072 B1	06/03/03	Goodchild	435	91.31
/J.P./	277	6,849,726 B2	02/01/05	Usman, et al.	536	23.1

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
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<b>EXAMINER</b> /Jennifer Pitrak/	<b>DATE CONSIDERED</b> 12/14/2007
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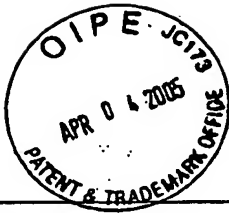


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/J.P./	270	5,034,506	07/23/91	Summerton et al.	528	391
/J.P./	271	5,780,607	07/14/98	Goodnow, Jr. et al.	536	22.1
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
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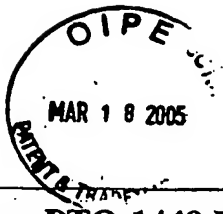
Sheet 2 of 2

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U. S. PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Name	Class	Subclass
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/J.P./	268	2002/0132788 A1	09/19/02	Lewis, et al.	514	44

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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
/J.P./	269	WO 94/01550	01/20/94	PCT		

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**U. S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

EXAMINER /Jennifer Pitrak/	DATE CONSIDERED 12/14/2007
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\* Cited on the PCT Written Opinion dated March 7, 2005 (PCT/US03/35146).





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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
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*	262	Steffens, R., et al., "Synthesis and thermodynamic and biophysical properties of tricycle-DNA," <i>Am. Chem. Soc.</i> , <b>1999</b> , <i>121(14)</i> , 3249-3255	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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Examiner Initial		Document No.	Date	Name	Class	Subclass
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### FOREIGN PATENT DOCUMENTS

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\*\* Cited on PCT International Search Report dated January 10, 2005 (PCT/US03/35067).

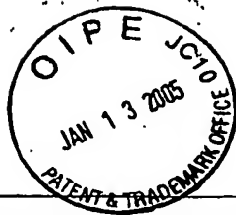
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****/J.P./	253	5,639,873	06/17/97	Barascut, et al.	536	25.3	
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***/J.P./	258	2002/0160393 A1	10/31/02	Symonds, et al.	435	6	
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** /J.P./	260	WO 03/072705 A2	09/04/03	PCT			
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* /J.P./	243	5,955,443	09/21/99	Bennett, et al.	514	44
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/J.P./	234	Copy of the PCT International Search Report dated August 23, 2004 (PCT/US03/35063)	
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/J.P./	241	2003/0143732 A1	07/31/03	Fosnaugh, et al.	435	325	
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					<b>YES</b>	<b>NO</b>	
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
/J.P./	231	Copy of the PCT International Search Report dated August 2, 2004 (PCT/US03/35068)	
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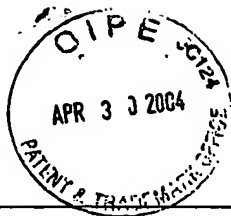
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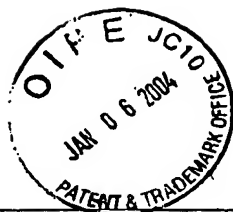
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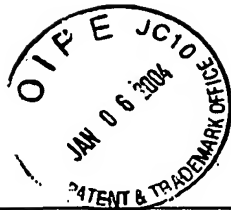
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Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
/J.P./	225	WO 01/36646 A1	05/25/01	PCT			
/J.P./	226	WO 01/48183 A2	07/05/01	PCT			
/J.P./	227	WO 01/75164 A3	10/11/01	PCT			
<b>EXAMINER</b> /Jennifer Pitrak/				<b>DATE CONSIDERED</b> 12/14/2007			